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The Gazette of India

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इस भाग में भिन्न पृष्ठ संख्या दी जाती है जिससे कि यह अलग संकलन के रूप में रखा जा सके
[Separate paging is given to this Part in order that it may be filed as a separate compilation]

भाग III—खण्ड 2
[PART III—SECTION 2]

पेटेन्ट कार्यालय द्वारा जारी की गई पेटेन्टों और डिजाइनों से सम्बन्धित अधिसूचनाएं और नोटिस
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Calcutta, the 3rd February 2001

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Fax No 033 247 3851

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एकस्व तथा अभिकल्प

कलकत्ता, दिनांक 3 फरवरी 2001

पेटेन्ट कार्यालय के कार्यालयों के पते एवं क्षेत्राधिकार

पेटेन्ट कार्यालय का प्रधान कार्यालय कलकत्ते में अवस्थित है तथा मुम्बई, दिल्ली एवं चेन्नई में इसके शाखा कार्यालय हैं, जिनके प्रादेशिक क्षेत्राधिकार जोन के आधार पर निम्न रूप में प्रदर्शित हैं :—

पेटेन्ट कार्यालय शाखा, टोडी इस्टेट,
तीसरा तल, लोअर परेल (प.)
मुम्बई-400013 ।
गुजरात, महाराष्ट्र, मध्य प्रदेश
तथा गोआ राज्य क्षेत्र एवं संघ
शासित क्षेत्र, दमन तथा दीव एवं
दादर और नगर हवेली ।
तार पता - "पेटोफिस"
फोन : 482 5092 फैक्स : 022 495 0622

पेटेन्ट कार्यालय शाखा,
एनेक्स सं. 401 से 405, तीसरा तल,
नगरपालिका बाजार भवन,
सरस्वती मार्ग, करोल बाग,
नई दिल्ली-110 005 ।
हरियाणा, हिमाचल प्रदेश, जम्मू
तथा कश्मीर, पंजाब, राजस्थान,
उत्तर प्रदेश तथा दिल्ली राज्य
क्षेत्रों एवं संघ शासित क्षेत्र चंडीगढ ।

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फोन : 578 2532 फैक्स : 011 576 6204

पेटेंट कार्यालय शाखा,
विंग "सी" (सी-4, 5),
तीसरा तल, राजाजी भवन,
बसन्त नगर, चेन्नई-600090 ।

आन्ध्र प्रदेश, कर्नाटक, केरल, तमिलनाडु
तथा पाण्डिचेरी राज्य क्षेत्र एवं
संघ शासित क्षेत्र, लक्षद्वीप, मिनिकाय
तथा एमिनिदिवि द्वीप ।

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कलकत्ता-700 020 ।

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पेटेंट अधिनियम, 1970 तथा पेटेंट (संशोधन) अधिनियम, 1999 अथवा पेटेंट (संशोधन) नियम, 1972 द्वारा अपेक्षित सभी आवेदन, सूचनाएं, विवरण या अन्य दस्तावेज या कोई फीस पेटेंट कार्यालय के केवल समुचित कार्यालय में ही ग्रहण किये जायेंगे ।

शुल्क : शुल्कों की अदायगी या तो नकद की जाएगी अथवा जहां उपयुक्त कार्यालय अवस्थित है, उस स्थान की अनुसूचित बैंक में नियंत्रक को भुगतान योग्य बैंक ड्राफ्ट अथवा चैक द्वारा की जा सकती है ।

APPLICATION FOR THE PATENT IN THE PATENT OFFICE BRANCH AT TODI ESTATE. 3RD FLOOR, SUN MILL COMPOUND LOWER PAREL (W), MUMBAI-400 013

11-9-2000

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826/Mum/2000. Westinghouse Air Brake Company. Polymer based backing plates for railway brake shoes and disc pad. (Priority Date : 22-12-99) U.S.A.

827/Mum/2000. Kirloskar Compeland Limited. Suspension system for hermetic compressors.

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831/Mum/2000. Four Pillars Enterprise Corporation. Process for manufacturing a multi layered adhesive tape.

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12-9-2000

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834/Mum/2000. Macleods Pharmaceuticals Limited. A process for preparation of pharmaceuticals composition containing a non-steroidal anti-inflammatory drug (NSAID).

835/Mum/2000. Ramkrishna Shankarrao Patil Hydraulic reversible plough.

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13-9-2000

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841/Mum/2000. Sachine Vasant Dharap. Aatta chakki.

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15-9-2000

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850/Mum/2000. Johnson & Johnson Limited An adhesive medicated bandage and a method of making the same.

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18-9-2000

853/Mum, 2000. Kokardekar Girish Gangadhar. Double brain chess game.

854/Mum 2000. Sony Corporation Switching power circuit. (Priority Date : 21-9-99) Japan.

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21-9-2000

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22-9 2000

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873/Mum/2000. Surendra H. Shah. Low energy ambient air dryer.

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25-9-2000

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876/Mum/2000. Claris Lifescience Limited. A novel and superior method for purification of waxy starch.

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878/Mum, 2000. Pfizer Inc. Acylation process. (Priority Date : 1-10-99) U.K.

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26-9-2000

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27 9-2000

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884/Mum/2000 Li In Electrical Company Limited Improved structure of starter relay for motor cycle

28 9 2000

885/Mum/2000 Thadani Mahesh A thermally insulated liquid Container

886/Mum/2000 Thadani Mahesh An insulated flask unit

887/Mum/2000 Thermax Limited Improvements in or relating to exhaust gas boiler (EGB)

888/Mum/2000 Thermax Limited Improvements in or relating to exhaust gas boiler (SF EGB)

889/Mum/2000 Prabhakar Deodhar Smart electronic cards

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29-9 2000

891/Mum/2000 Naveen Chandra Gupta An electric automobile/motor vehicle running on road or rail using wind flow energy against running vehicle for charging its batteries

892/Mum/2000 Honda Giken Kogyo Kabushiki Kaisha Valve system of overhead-valve type internal combusion engine (Priority Date 12 10-99) Japan

3 10 2200

893/Mum/2000 Sajanpwar Prabhakar Raghunath Application of drill hole by the side of threded Fasteners to reduce distortion of cylinder bores or Liners in Engine Block and all the types of bearings housings

894/Mum/2000 Indian Oil Corporation Limited Energy and fuel efficient room/space heater (Bukhari)

4 10-2000

895/Mum/2000 Avinash Mithalal Solanki A device to run on engine partly on water

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897/Mum/2000 Bhatwal Niranjan Suresh Loose/bundle bank note counting machine with ultra violet detection

898/Mum/2000 Indian Oil Corporation Limited A process of preparation of novel mannich Bases from hydrogenated and distilled cashew nut shell liquid (CNSL) for use as additive in liquid hydrocarbon fuels

5-10 2000

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900/Mum/2000 EIN Engineerings Co Ltd Resin cultivating base, water purifying device and method using resin cultivating base (Priority Date 13-12-99) Japan.

6 10 2000

901/Mum/2000 Ritesh Hasmukhlal Patel Multi level business method on the internet

902/Mum/2000 Pfizer Inc Process for the preparation of pyrazolo [4, 3-d] pyrimidin-7-ones-3-pyridylsulphonyl compounds and intermediates thereof (Priority Date 11 10-99 & 28 7-2000) U K

903/Mum/2000 Galaxy Surfactants Limited Process for manufacture of bis quaternary salts of cinnamidoalkylamines

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APPLICATION FOR PATENTS FILED AT THE PATENT OFFICE BRANCH WING 'C' (C-4 'A'), III FLOOR, RAJAJI BHAVAN, BESANT NAGAR CHENNAI 600 090

7th August 2000

626/Mas 2000 Neyveli Lignite Corporation Ltd A process for the production of "Humi Gold" (A salt of humic acid)

627/Mas 2000 M/s Indian Plywood Industries Research & Training Institute and M/s International Network for Bamboo & Rattan Substitution of match wood by bamboo

628/Mas 2000 Inja Jesudas Abraham Abrahams system of twisting for rovings & yarn (Div to Patent Appln No 0346xMas/99 dt March 26, 1999)

629/Mas 2000 Sebastian Bernardine Marian Gomes and Mrs Hindupur Padma Rajasimha Precast fibre reinforced concrete/plain cement drain element

630 Mas 2000 Sebastian Bernardine Marian Gomes Precast fibre reinforced/plain cement concrete Pipe

631/Mas 2000 Sebastian Bernardine Marian Gomes Precast fibre reinforced/plain cement concrete pile

632/Mas/2000 Sumitomo Chemical Company Limited Pest controlling methods dispersing a pesticidally active agent (August 10, 1999, Japan)

633/Mas/2000 Sumika Fine Chemicals Co Ltd A process for preparing a cyclopropane ring cleaved purine derivative (November 12 1997, Japan) (Div to Patent Appln No 2511/Mas/98 dt November 6 1998)

634/Mas/2000 Nec Corporation Helical antenna with connector and fabrication method of the same (August 10, 1999, Japan)

8th August 2000

635 Mas/2000 Tanita Corporation Weighing scale for determining the weight of a pregnant woman (August 12 1999, Japan)

9th August 2000

636/Mas/2000 Swatch Ag Watch including a contactless control device for a computer cursor (August 25 1999, Europe)

10th August 2000

637/Mas/2000 I Jayaraman Variable area fluidized bed

638/Mas/2000 I Jayaraman Ultra violet bottle steriliser cum water purifier

639/Mas/2000 Haldor Topsoe A/S Process for pre-reforming of oxygen containing gas (August 19 1999; Denmark)

640/Mas/2000. Vorwerk & Co. Interholding GmbH. Plug adapter. (Div. to Patent Appln. No. 147/Mas/95 dt. February 7, 1995).

641/Mas/2000. Natesan Ranganathan. Improvised wet grinder

11th August 2000

642/Mas/2000 Mobil Oil Corporation. A process for the preparation of non-cyclic C_8 paraffin hydrocarbon. (Div. to Patent Appln. No. 751/Mas/94 dt. August 9, 1994).

643/Mas/2000. Lakshmi Machine Works Limited. A ring with improved working profile for a ring traveller assembly.

644/Mas/2000. Lakshmi Machine Works Limited. A device for measuring and calibrating the load of top arms of spinning machines.

14th August 2000

645/Mas/2000. Spic Science Foundation. Aprotinin (Bovine pancheatic trypsin inhibitor) gene suited for plant expression and a method of obtaining insect resistance in dicotyledonous and monocotyledonous plants.

646/Mas/2000. Aurobindo Pharma Limited. Ceftiofur, its intermediate and a process for the preparation of the same.

647/Mas/2000. Thirumalai Arumdampillai Vijayan. Inhaler.

648/Mas/2000. M/s. Jyothi Hi-Tech Equipments Co. Oil lubrication control system for 2 stoke engines.

649/Mas/2000. Satake Corporation. Rotationally oscillating separator.

650/Mas/2000. F. Hoffmann-La Roche Ag. Process for the production of epigallocatechin gallate. (August 16, 1999; Europe).

15th August 2000

651/Mas/2000. Indian Space Research Organisation. An electromechanical safearm device for controlling pyrotechnically actuatable systems.

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652/Mas/2000. T. N. Udhav Shankar. A novel cleaning composition.

653/Mas/2000. K. D. Francis. Queue less priority display for multi counter reservation.

654/Mas/2000. Lignocell Limited. Moisture reduction squeezor.

655/Mas/2000. P. P. Afsal Hussain. Night guard mat.

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658/Mas/2000. Lucent Technologies Inc. Method and apparatus for an automatic predistortion system. (August 18, 1999; US).

659/Mas/2000. Lucent Technologies Inc. Alternating gain and phase control system and method. (August 19, 1999; USA)

18th August, 2000

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661/Mas/2000. Lucent Technologies Inc. System and method for wireless local calling. (August 20, 1999, USA).

662/Mas/2000. Protechna S.A. Pallet with a base plate and legs of metal. (August 19, 1999; Germany).

663/Mas/2000. Lakshmi Machine Works Limited. A device to drive the nipper feed roller in textile combing machines.

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665/Mas/2000. Lakshmi Machine Works Limited. A pneumatic brake for a textile combing machine.

21st August 2000

666/Mas/2000. F. Hoffmann-La Roche Ag. Process for the preparation of vitamin D analogues. (August 23, 1999; USA)

667/Mas/2000.GEA Energy System (India) Ltd. A process and a plant for producing bagasse with reduced moisture content.

668/Mas/2000. Lakshmi Machine Works Limited. An improved lap stretch compensator in a combing machine.

669/Mas/2000. Ramanujapuram Anandam Pillai Krishna Swamy. A process for manufacture of ready to use traditional Indian sweets (Jamoons).

670/Mas/2000. Dr. Shekhar R. Borgaonkar. Device, system and method of receiving frequently used information.

671/Mas/2000. Dr. Reddy's Research Foundation. Novel tricyclic compounds and their use in medicine, process for their preparation and pharmaceutical compositions containing them

22nd August, 2000

672/Mas/2000. Doraiswamy Devarajan Hi-tech wet grinder.

673/Mas/2000. Institut Francais Du Petrole. Process for producing oils with a high viscosity index. (August 24, 1999; France)

674/Mas/2000. Barmag Ag. Method and apparatus for melt spinning a multifilament yarn. (August 26, 1999; Germany).

23rd August, 2000

675/Mas/2000. A. B. Chandrasekaran. Specific gravity equipment/instrument/scale/balance/meter for tapioca to find approximate percentage of starch Quten scale/balance equipment/instrument for tapioca measuring equipment/instrument/scale/balance for tapioca.

676/Mas/2000. Lucent Technologies Inc. RAU optimisation in standby state. (August 23, 1999: EPA).

677/Mas/2000 Lucent Technologies Inc. RAU optimisation for UMTS URA connected state. (August 23, 1999, EPA).

678/Mas/2000 F. Hoffmann-La Roche Ag. Manufacture of a cyclic acid. (August 27, 1999; Europe).

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679/Mas/2000. Lucent Technologies Inc. Method and apparatus for controlling power for variable-rate vocoded communications (August 26, 1999; USA).

680/Mas/2000. Lucent Technologies Inc. Apparatus, method and system for voice communication hand-off in a mobile packet data network environment (August 26, 1999; USA).

681/Mas/2000 Lucent Technologies Inc. Enhanced roaming notification (August 27, 1999; USA).

682 Mas/2000. Kabushiki Kaisha Kobe Seiko-Sho (Kobe Steel Ltd.). Method and apparatus for supplying granular raw material for reduced iron. (August 30, 1999; Japan).

25th August, 2000

683/Mas/2000. Lucent Technologies Inc. System for performing handoffs using location information for a wireless unit. (August 31, 1999; USA).

684 Mas 2000. Maschinenfabrik Rieter Ag. Spinning frame with condensing device. (August 27, 1999, Germany).

685/Mas/2000. Ammonia Casale S A Method for modernization of a heterogeneous exothermic synthesis reactor. (August 31, 1999; Europe).

ALTERATION OF DATE UNDER SECTION 16

185472 Antedated to 11th September, 1995. (257/Cal/98)

185490 filed on 26-6-98 Antedated to 25-5-92. (1797/Del/98)

COMPLETE SPECIFICATION ACCEPTED

Notice is hereby given that any person interested in opposing the grant of a patent on any of the applications concerned, may, at any time within four months from the date of this issue or within such further period not exceeding one month if applied for on Form 4 prescribed under the Patent (Amendment) Rules, 1999 before the expiry of the said period of four months, give notice to the Controller of Patents at the appropriate office on the prescribed Form 7 of such opposition. The written statement of opposition should be filed in duplicate alongwith evidence, if any, with said notice or within sixty days of its date as prescribed in Rule 36 as amended by the Patents (Amendment) Rules, 1999.

The Classification given below in respect of each specification are according to Indian Classification and International Classification Systems.

Printed copies of the specification and drawings, if any, can be supplied by the Patent Office or its branch offices on payment of prescribed charges of Rs. 30/- each.

In the event of non-availability of printed specification, photocopies of the specification and drawings, if any, can be supplied by the Patent Office and its branch offices on payment of prescribed photocopy charges @ Rs. 10/- per page of such document plus Rs. 30/-.

स्वीकृत सम्पूर्ण विनिर्देश

एतद्द्वारा यह सूचना दी जाती है कि संबद्ध आवेदनों में से किसी पर पेटेंट अनुदान के विरोध करने के इच्छुक व्यक्ति, इसके निर्गम की तिथि से चार (4) महीने या अधिक ऐसी अवधि जो उक्त चार (4) महीने की अवधि की समाप्ति के पूर्व, पेटेंट (संशोधन) नियम, 1999 के तहत विहित प्ररूप 4 पर अगर आवेदित हो, एक महीने की अवधि से अधिक न हो, के भीतर कभी भी निर्धारक एकस्व के उपयुक्त कार्यालय में ऐसे विरोध की सूचना विहित प्ररूप 7 पर दे सकते हैं। विरोध संबंधी लिखित वक्तव्य दो प्रतियों में साक्ष्य के साथ, यदि कोई हो, उक्त सूचना के साथ या पेटेंट (संशोधन) नियम, 1999 द्वारा संशोधित नियम 36 के तहत यथाविहित उक्त सूचना के तिथि से 60 दिन के भीतर फाइल कर दिये जाने चाहिए।

प्रत्येक विनिर्देश के संदर्भ में नीचे दिये वर्गीकरण, भारतीय वर्गीकरण तथा अन्तर्राष्ट्रीय वर्गीकरण के अनुरूप हैं।

विनिर्देश तथा चित्र आरेख, यदि कोई हों, की अंकित प्रतियां की आपूर्ति पेटेंट कार्यालय या उसकी शाखा कार्यालयों से यथाविहित 30/- रुपए प्रति की अदायगी पर की जा सकती है।

ऐसी परिस्थिति में जब विनिर्देश की अंकित प्रति उपलब्ध नहीं हो, विनिर्देश तथा चित्र आरेख, यदि कोई हों, की फोटो प्रतियां का आपूर्ति पेटेंट कार्यालय या उसके शाखा कार्यालयों से यथाविहित फोटोप्रति शुल्क उक्त दस्तावेज के 10 रुपये प्रति पृष्ठ धन 30/- रुपये की अदायगी पर की जा सकती है।

Int. Cl. : LXIV (3)—57 D 58 C. 185471

Int. Cl. : E 05 F 15/10, 15/12 E 05 F 11/04, 11/06, 11/36, 11/38, 11/52.

PANE GUIDE FOR A SPHERICALLY CURVED WINDOW PANE WHICH CAN BE LOWERED IN A VEHICLE DOOR.

Applicant : BROSE FAHRZUGTEILE GMBH & CO. KG. OF 96450 COBURG, GERMANY.

Inventors :
1. HORST WEBER
2. GERHARD HOFMANN

Application No. : 255/Cal/96 filed on 12-2-96.

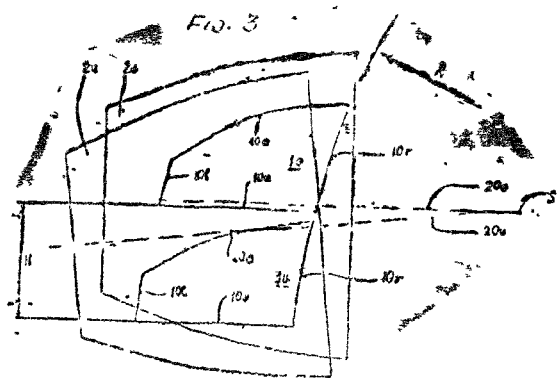
(Convention No. : 19504781.8 filed on 14-2-95 in Germany).

Appropriate Office for Opposition Proceedings (Rule 4, Patent Rules, 1972), Patent Office, Calcutta.

6 Claims

Pane guide for a spherically curved window pane (1, 1o, 1u, 1', 1'' 1''') which can be lowered in a door shaft of a vehicle door and which is substantially a component part of an imaginary sleeve face (2, 2o, 2u) which is barrel-shaped in the longitudinal direction of the vehicle defined as the X-direction and which can be pushed a double-strand cable window regulator mountable in the door shaft with a pane guide having two guide rails roughly in the direction of a vehicle vertical axis defined as the Z-direction and running across the longitudinal direction of the vehicle, whereby the guide rails have a first curvature adapted to the pane curvature in a vehicle transverse direction defined as the Y-direction and running both transversely relative to the X— and also to the Z-direction and support at the ends cable guide pulleys through which a closed cable loops is guided wherein the cable loop is in fixed connection with entrainment members guided on the guide rails for the window pane (1, 1o, 1u, 1', 1'', 1''') and is attached to a drive unit by means of which the window pane (1, 1o, 1u, 1', 1'', 1''') is to be moved in an area between a lower and an upper extreme position characterized in that both guide rails each have additionally across the first curvature

a second curvature and that either a right or left pane edge (10r, 101) serves as a guide edge (10r, 10r', 10r", 10r"') which is provided with a guide contour associated with the corresponding guide rail so that additionally a swivel movement, keeping the lower edge (10u) of the pane parallel, about a swivel point (p, p', p", p") spaced from the guide edge (10r, 10r", 10r") of the window pane (1, 1o, 1u, 1, 1", 1"') in the X-direction is superimposed on the displacement movement of the window pane (1, 1o, 1, 1' 1", 1"') whereby the imaginary barrel-shaped sleeve face (2. 2, 2u) on which the window pane (1, 1o, 1u, 1', 1", 1"') is displaced, swivels at the same time in the displacement direction of the window pane (1, 1o, 1u, 1', 1", 1"') and during the displacement movement between the extreme positions there are always three points, more particularly three corner points of the window pane (1, 1o, 1u, 1', 1" 1"') lying on the barrel-shaped sleeve face (2, 2o, 2u) which is associated with the window pane (1, 1o, 1u, 1' 1", 1"') in one of the extreme positions



(Compl. Specn. : 18 pages; Drgns. : 4 sheets)

Ind. Cl. : 55 D_2. 185472

Int. Cl[4] : A 01 N 31/02.

A METHOD FOR PURIFYING O. S-DIMETHYL N-ACETYL-PHOSPHORAMIDOTHIOATE.

Applicant : SUMITOMO CHEMICAL CO. LTD. OF 5-33 KITAHAMI-4-CHOME CHUO-KU, OSAKA, JAPAN.

Inventors :
1. SAKITO YOJI
2. SHITAHATA MAMORU
3. KIYOSHIMA YUJIRO
4. MINAMISAKA KAZUYA
5. IWATA ATUKAZU

Application No. : 257/Cal/98 filed on 17-2-98

(Divided out of No. : 1083/Cal/95 ante-dated to 11-9-95).

Appropriate Office for Opposition Proceedings (Rule 4, Patent Rules, 1972), Patent Office, Calcutta.

7 Claims

A method for purifying O. S-dimethyl N-acetylphosphoramidothioate, which comprises extracting O, S-dimethyl N-acetylphosphophoramidothioate from 1 part by weight an aqueous solution of crude O, S-dimethyl N-acetyl-phosphoramidothoate with 0.3 to 10 parts by weight of an organic solvent which is a carbonate ester, aliphatic carboxylic acid ester, aliphatic ketone aliphatic alcohol or a mixture of two or more thereof at 70°C or lower, wherein the solubility of water in the solvent is in the range of from to 20% by weight and crystallizing O, S-dimethyl N-acetyl-phosphoramidothioate from the resulting organic phase at a range of from —10 to 30°C.

(Compl. Specn. : 25 pages; Drgns. : 0 sheet)

Ind. Cl. : 128 G. 185473

Int. Cl[4] : A 61 N 1/36, A 61 H 31/00.

A FLEXIBLE EXPANDABLE STENT.

Applicant : MEDINOL LTD. OF KIRIAT ATIDIM, P O BOX 58165, TEL AVIV, 61591, ISRAEL

Inventors :
1. HENRY MARSHALL ISRALI
2. GREGORY PINCHASIK

Application No 836/Cal/95 filed on 21-7-95

Appropriate Office for Opposition Proceedings (Rule 4, Patent Rules, 1972), Patent Office, Calcutta

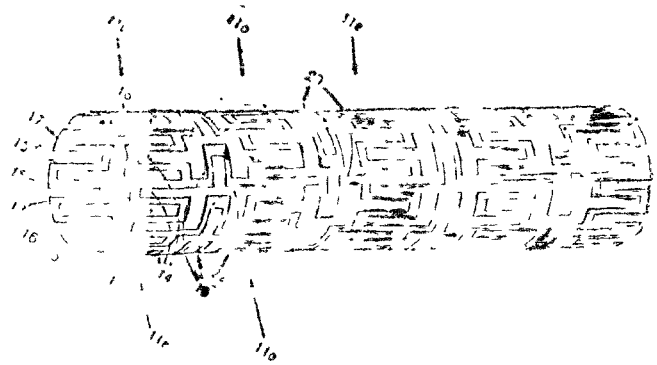
10 Claims

A stent formed of a tube having patterned shape, the patterned shape comprising :

(a) even first meander patterns having axes extending in a first direction;

(b) odd first meander paterns, also having axes extending in said first direction, wherein said first meander patterns are 180° out of phase with said even first meander patterns and occur between every two even first meander patterns;

(c) second meander patterns having axes extending in a second direction different than said first direction, wherein said second meander patterns are interwined with said even and odd first meander patterns to form a generally uniform distributed structure.



(Compl. Specn. : 11 pages; Drgns. : 6 sheets)

Ind Cl : 186 A 185474

Int. Cl.[4] : H 03 H — 9/46.

AN ADAPTIVE DIGITAL FILTER.

Applicant : IONICA INTERNATIONAL LIMITED OF COWLEY ROAD, COMBRIDGE, CB4 4AS, UNITED KINGDOM.

Inventor : DAVID JOHN SPREADBURY.

Application No. : 1006/Cal/95 filed on 24-8-95.

(Convention No. : 9418755.6 filed on 16-9-94 in UK).

Appropriate Office for Opposition Proceedings (Rule 4, Patent Rules, 1972), Patent Office Calcutta

6 Claims

An adaptive digital filter comprising :

a filter means (2) with a complex multiplier (6) for receiving data sample (D);

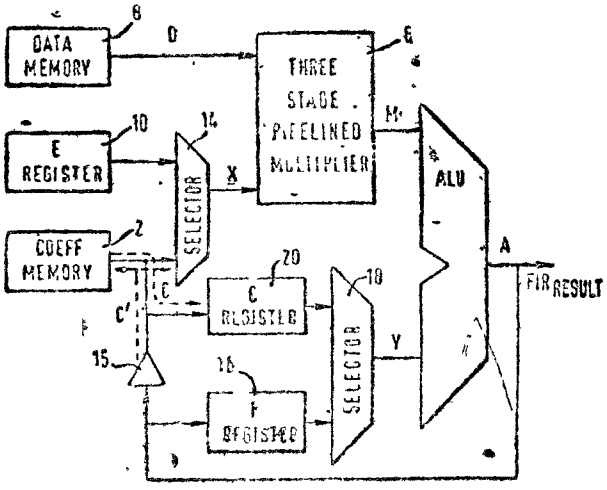
an adaptive means (4); and

an arithmetic logic unit (ALU) operative to adapt a filter coefficient to provide an adapted coefficient;

said filter means comprising coefficient memory (12) and selector (14) for receiving said adapted coefficients from said arithmetic logic unit;

said filter means and adaptive means being timed to alternately provide adaptive filter coefficients and modulated data samples

FIG. 2



(Compl Specn. : 10 pages; Drgns. : 1 sheet)

Ind. Cl. : 47 C. 185475

Int. Cl.[4] : C 10 B 31/00, 25/00, 47/00, 27/02.

A JUMPER PIPE ARRANGEMENT FOR A COKE OVEN BATTERY.

Applicant : OTTO INDIA LIMITA OF F/16, SECTOR 2, Rourkela-769006, ORISSA, INDIA.

Inventor : S. Y. KEKRE.

Application No. 1504/Cal/95 filed on 23-11-95.

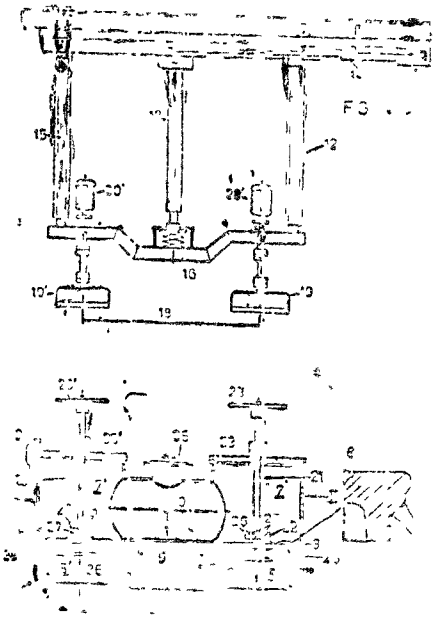
Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Calcutta.

4 Claims

A jumper pipe arrangement (6) for a coke oven battery comprising adjacently arranged coke oven chambers (2, 2'), each having a gas opening (5, 5') extending through the ceiling (1) of each of said oven chambers, said jumper pipe arrangement being adapted to overlap the gas openings of two adjacent oven chambers and comprising annular rims mounted on the ceilings of said oven chambers and peripherally surrounding and defining a gas opening bore coextensive with each of the gas openings and lid chambers (7, 7') mounted on the ceiling of the oven chambers and coaxially surrounding each of the annular rims of said gas openings (5, 5'), each of said lid chambers having a coke oven chamber lid coaxially and rotatably supported therein and configured so as to cover said gas opening bore when fitted against the annularm, actuation means (12) for vertically moving and rotating said coke oven chamber lids within said lid chambers and a jumper pipe (9) extending between and interconnecting the lid chambers of each said two adjacently arranged coke ovens characterised in that

(a) annular sealing surfaces are provided on each of said coke oven chamber lids which mate with corresponding annular sealing surfaces provided on the rims defining each said gas opening bores, to obtain tight seals when the chamber lids are brought into contact with and rotated against the annular sealing surfaces of said rims, and

(b) a gas feeding duct (10) is coupled to each said jumper pipe for supplying inert gas under pressure when the coke oven chamber lids are brought down into sealing contact with the annular rims.



(Compl. Specn. : 15 pages; Drgns. : 2 sheets)

Ind. Cl. : 129 G 185476

Int. Cl.[4] : C 25 F 3/16 B 24 B 1/00.

"AN IMPROVED POLISHING APPARATUS FOR CONTROLLING THE THICKNESS OF A DIELECTRIC LAYER DEPOSITED ON A TOP SURFACE OF A SUBSTRATE DURING A POLISHING THEREOF".

Applicant : DAEWOO ELECTRONICS CO. LTD. OF 541, 5Ga NAMDAEMOONRO, JUNGGU, SEOUL, REPUBLIC OF KOREA.

Inventor : ROH JAE-WOO.

Application No. 1546/Cal/95 filed on 30-11-95

(Convention No. 952765 filed on 15-2-95 in Republic of Korea).

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Calcutta.

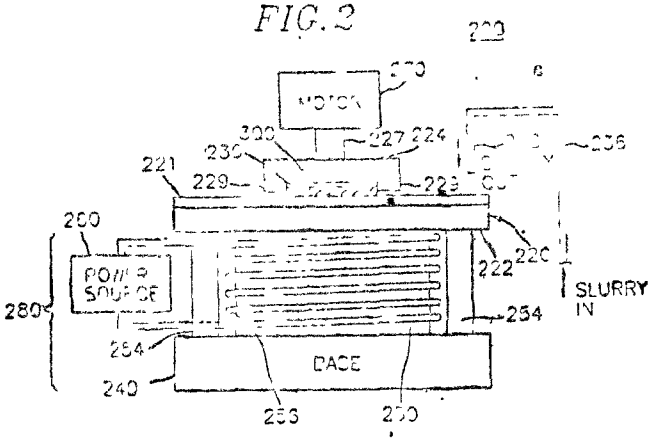
2 Claims

An improved polishing apparatus for controlling the thickness of a dielectric layer deposited on a top surface of a substrate (300) during a polishing thereof, said apparatus comprising a base (240) provided with top and a bottom surfaces, a table (220) placed on the top surface of the base (240) and provided with a top surface (221) made of a porous material capable of absorbing particulate matters and a bottom surface (222), a carrier (224) for holding the substrate (300), wherein the carrier (224) having a top and a bottom surfaces includes a shaft (227) coupled to the top surface of the carrier (224), an insert pad (230) attached to the bottom surface of the carrier (224) and a retaining ring (229) connected to an outer line of the bottom surface of the carrier (224), a pipe (236) having a nozzle (238) for delivering an abrasive material to the top surface (221) of the table (220), a motor (270) for rotat-

ing the carrier (224) to cause a friction between the abrasive material and the dielectric layer, the motor (270) being fixed on a predetermined position from the bottom surface of the base (240), characterized in that said apparatus comprises :

an actuator assembly (280) connected to the bottom surface (222) of the table (220), for controlling a vertical position of the table (220) and hence the thickness of a polished dielectric layer, wherein the actuator assembly (280) includes thermally expanding material (250) disposed between the top surface of the base (240) and the bottom surface (222) of the table (220), a cavity (254) made of a heat insulating material, enclosing the thermally expanding material (250), for maintaining the temperature inside the thermally expanding material (250) substantially constant, a power source (260) for supplying an electric current, and heating coil (256) connected to the power source (260), for heating the thermally expanding material (250) using the electric current from the power source (260) to thereby control a vertical position of the table (220).

FIG. 2



(Comp. Specn. : 13 Pages; Drgns. : 3 Sheets)

Int. Cl.[4] : H 03 M—7/28 185477

Ind. Cl. : 186 B

AN APPARATUS FOR GENERATING A QUANTIZATION PARAMETER.

Applicant : DAEWOO ELECTRONICS CO. LTD. OF 541, 5Ga, NAMDAEMOONRO, JUNGGU, SEOUL, REPUBLIC OF KOREA

Inventor : JONG—TAE LIM.

Application No. 1639/Cal/95 filed on 14-12-1995.

Appropriate office for opposition proceedings (Rule 4, Patent Rules, 1972) Patent Office, Calcutta.

1 Claim

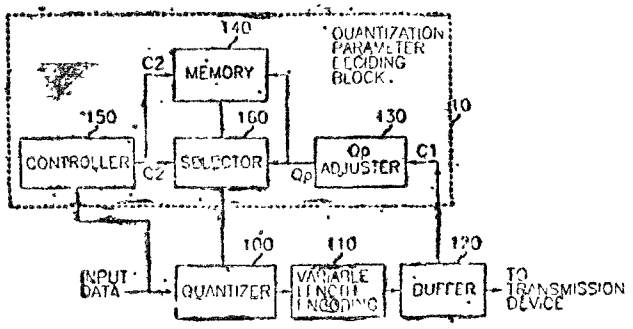
An apparatus, for generating a quantization parameter which determines a quantization step size in response too input data and a control signal, for use in a video signal encoding device which quantizes and encodes the input data and transmits the encoded data via a buffer, wherein the input data includes a plurality of frames, each of the frames consisting of a multiplicity of slices, and the control signal representing the degree of fullness of the buffer, the apparatus comprising :

Qp adjuster (130), in response to the control signal, for deciding a current candidate quantization parameter for each of the slices of a current frame;

Controller (150), in response to the input data, for generating a slice number signal identifying the slice of the current frame that is being processed at the video signal encoding device;

memory (140) for storing the current candidate quantization parameter in case the slice number signal indicates that a second slice of the current frame is processed at the video signal encoding device; and

selector (160) for selecting a previous candidate quantization parameter for a second slice of a preceding frame previously stored at the memory (140) as the quantization parameter in case the slice number signal indicates that a first slice of the current frame is being processed; and for selecting the current candidate quantization parameter as the quantization parameter in case the slice number signal indicates that one of other slices of the current frame than the first slice is being processed.



(Comp. Specn. : 12 Pages; Drgns. : 1 Sheet)

Int. Cl.[4] : B 25 B, 29/02, B 23 P, 19/04, 185478

Ind. Cl. : LXIV (1) — 19 E.

HYDRAULIC TENSIONER.

Applicant : JOHN KURT JUNKERS OF 7, ARROWHEAD LANE, SADDLE RIVER, N.J. 07540 UNITED STATES OF AMERICA.

Inventor : JOHN K. JUNKERS.

Application No. : 334/Cal/96 filed on 26-2-1996.

(Convention No. : 08/406,367 filed on 17-3-95 in U.S.A.).

Appropriate Office for Opposition Proceedings (Rule 4, Patent Rules, 1972), Patent Office, Calcutta.

12 Claims

A hydraulic tensioner for tensioning a threaded connector, comprising a substantially tubular, integral housing (1)having an axis, one axial end to about against an object, another opposite axial end, an outer surface, and an inner surface comprising cylindrical portions and shoulder portions joining axially adjacent cylindrical portions, the cylindrical portions reducing in diameter from said another axial end to said one axial end and defining with said shoulder portions a plurality of steps; a substantially tubular engaging element (2) arranged radially inside said housing (1) so as to form a space (3) therebetween and provided with engaging means (11) for engaging a threaded connector; a plurality of piston means (4—6) arranged in said space and spaced axially from one another so as to form in said space a plurality of chambers having radially inner walls and radially outer walls defined by said inner surface of the housing; and means (7.10) for supplying a working liquid into said chambers so at to apply a force directly or indirectly via each of said piston means to said housing (1) and to said engaging element (2) whereby when said housing abouts against the object in one axial directions, said engaging element (2) is displaced axially in an oppostie direction and thereby axially pulls the threaded connector in an opposite axial direction, and outer surface of said housing (1) having a diameter reducing in

the direction from said another end toward said one end at least in the region radially outwardly of the stepped inner surface of the housing.

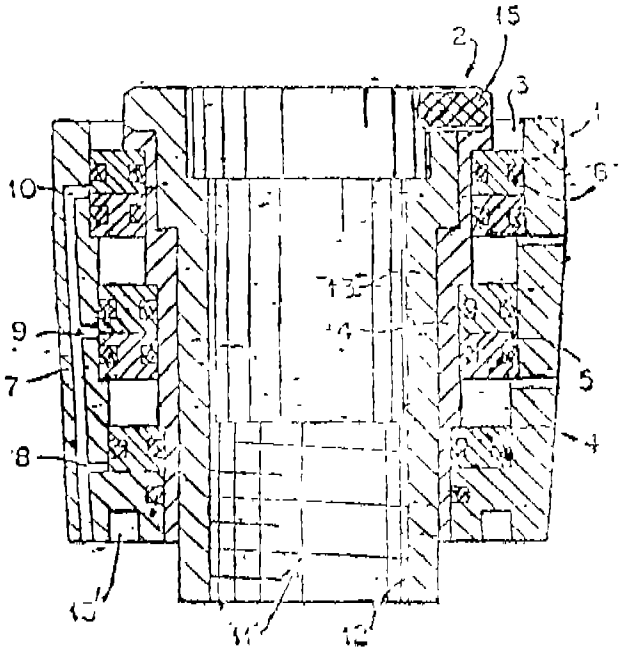


FIG. 1

(Compl. Specn. : 15 pages; Drgns. : 3 sheets)

Ind. Cl. : 186 B. 185479

Int. Cl.[6] : H 03 M 7/40—7/46.

AN APPARATUS FOR ENCODING VARIABLE LENGTH CODES.

Applicant : DAEWOO ELECTRONICS CO LTD OF 541, 5GA, NAMDAEMOONRO, JUNGGU, SEOUL, REPUBLIC OF KOREA

Inventor : DONG-SOO KANG

Application No. 1486/Cal/95 filed on 21-11-95.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Calcutta.

1 Claim

An apparatus for encoding variable length codes (VLCs) represented by variable length codewords and their lengths, and segmenting variable-length codewords of the VLCs into N-bit segments for the transmission thereof, and, if the length of the last segment of the N-bit segments is shorter than said N, for inserting bits having the value zero between the last bit of the last segment and a start code with a start code prefix followed by a start code value identifying the type of the start code in order to represent the start of a code sequence such that the first bit of the start code is the most significant bit of a byte, the apparatus comprising :

a first register for storing a series of source codes and producing each of the source codes in response to a enable signal which is associated with each input time of the source codes;

a lookup table for mapping each of the source codes into each of the VLCs to produce each of the variable-length codewords and its length;

a second register for storing each of the variable-length codewords, and, in response to the enable signal for producing said each stored variable-length codeword ;

a third register for storing each length of the variable-length codewords, and, in response to the enable signal, producing said each stored length;

a first barrel shifter for producing a newly concatenated variable length codeword;

a fourth register for storing the concatenated variable-length codeword;

a second barrel shifter for producing a fixed-length segment;

an adder for producing a newly added length;

a fifth register for producing an output-available signal which represents the availability of the fixed-length segment of the second barrel shifter;

a sixth register for storing the fixed-length segment; and

characterized in that, a byte alignment unit, in response to a byte alignment signal, producing a pseudo codeword representative of a set of parrellel bits with the value zero having a width equal to the maximum bit length of the variable length codewords, and a pseudo length representative of the number of bits contained between the last bit of the last segment and the start code;

the said first barrel shifter, in response to a first control signal representative of the length of a present input variable-length codeword or the pseudo length, for concatenating the present input variable-length codeword and a concatenated variable-length codeword together or concatenating the concatenated variable-length codeword and the pseudo codeword, to thereby produce the newly concatenated variable-length codeword ;

the said fourth register for storing the concatenated variable-length codeword, and, in response to the enable signal, producing said each concatenated variable-length codeword;

the said second barrel shifter, in response to a second control signal, for producing the fixed-length segment out of combined inputs of the present input variable length codeword and the concatenated variable-length codeword;

the said adder for adding the length of the present input variable-length codeword or the pseudo length and an added length to produce the newly added length;

the said fifth register for comparing the newly added length with said N to store the newly added length if the newly added length does not exceed said N and, otherwise, to store a residue representative of the number of exceeding bits after the adding as the added length and to produce the output-available signal which represents the availability of the fixed-length segment of the second barrel shifter, and, in response to the enable signal, producing said each stored added length as the second control signal of the second barrel shifter; and

the said sixth register for storing the fixed length segment from the second barrel shifter and, in response to the enable signal, producing said each stored fixed-length segment

(Compl Spcn 21 pages Drgns 5 sheets)

Ind Cl 53 A, 55 B₂ 185480

Int Cl A 61 L — 2/18, A 61 L — 9/16

A METHOD FOR PRODUCING A STERILIZED DEVICE

Applicant ETHICON INC OF ROUTE 22, SOMERVILLE, NJ 08876 UNITED STATES OF AMERICA

Inventors

1 TRALANCE O ADDY
2 PAUL TAYLOR JACOBS
3 SZU MIN LIN
4 JON MORRILL JACOBS

Application No 589/Cal/97 filed on 3 4 97

(Convention No 08 628965 filed on 4 4 96 in U S A)

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Calcutta

9 Claims

A method for producing a sterilized device with a diffusion restricted area such as long narrow lumen therein comprising the steps of

contacting the diffusion restricted area with a liquid solution comprising water and less than 65 percent by weight by hydrogen peroxide,

exposing the device to a pressure less than the vapour pressure of hydrogen peroxide so as to vaporize at least a portion of the liquid solution to form a hydrogen peroxide vapor, wherein the hydrogen peroxide vapour diffuses from inside to outside of the diffusion restricted area, and for a period of sixty minutes or less which is sufficient to effect complete sterilization of said diffusion restricted area

(Compl Spcn 46 pages, Drgns 2 sheets)

Ind Cl 39 L 185481

Int Cl⁶ C 01 G — 45/02

A PROCESS FOR THE PRODUCTION OF ELECTROLYTIC MANGANESE DIOXIDE HAVING POTASSIUM CONTENT BELOW 0 01% AND ACTIVATED MANGANESS DIOXIDE AS A BY PRODUCT FROM NATURAL MANGANESE ORES.

Applicant COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH RAFI MARG, NEW DELHI-110001, INDIA, AN INDIAN REGISTERED BODY INCORPORATED UNDER THE REGISTRATION OF SOCIETIES ACT

Inventors

1 PRASANTA LAL SENGUPTA—INDIA
2 SUNIL CHANDRA AUSH—INDIA
3 PANCH KARI SINHA—INDIA
4 NAYER DHANANJAYAN—INDIA

Application for Patent No 224/Del 90 filed on 8 3-90

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office Branch, New Delhi-110 005

4 Claims

A process for the production of electrolytic manganese dioxide having a potassium content below 0 01% and activated manganese dioxide as a by product from natural manganese ores which comprises

(a) crushing and grinding the naturally occurring manganese ores calcining the ground ore by heating at a temperature of 700°– 950 C in an oxidising atmosphere

(b) leaching the calcined manganese ore at a temperature in the range 70 —100 C using a spent electrolyte containing sulphuric acid at a p^H of 2 5– 3 0 and manganous sulphate for a period of 1—3 hrs to obtain electrolytic MnO in leachant and residue of activated MnO_2,

(c) filtering to separate the residue containing activated manganese dioxide as a by product and filtrate containing electrolytic MnO,

(d) heating the filtrate obtained at 70 —100 C for 1 to 3 hours at p^H of 2 5—3 0 with the addition of ferric sulphate solution for formation of Jarosite (iron potassium complex),

(e) filtering the solution to separate the precipitated Jarosite (iron potassium complex) to remove potassium from the leached manganous sulphate solution,

(f) purifying the potassium free manganous sulphate solution by conventional methods

(g) electrolysing the purified manganous sulphate solution using titanium anode and lead/graphite cathode to obtain electrolytic manganese dioxide,

(h) recirculating the spent electrolyte containing sulphuric acid and manganous sulphate produced during electrolysis in the leaching step mentioned at (b) above

(Compl Spcn 23 pages, Drgn sheet nil)

Ind Cl 32 F b 185482

Int Cl⁶ C 07 D 239/20

A PROCESS FOR THE PRODUCTION OF 2-METHYL-PYRAZINE (2-MP) FROM 2-METHYL PIPERAZINE (2 Me PiP) USING ZINC CHROMITE BASED CATALYSTS

Applicant COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH RAFI MARG NEW DELHI 110001 INDIA AN INDIAN REGISTERED BODY INCORPORATED UNDER THE REGISTRATION OF SOCIETIES ACT (ACT XXI OF 1860)

Inventors :

1. MACHIRAJU SUBRAHMANYA—INDIAN
2. GUDIMELLA MURALIDHAR—INDIAN
3. PRADEEP KUMAR VERMA—INDIAN
4. KODALI HIRANYA VERNA PRASAD—INDIAN
5. SHILLU SINGH YADAV—INDIAN
6. ALLA VENKATA RAMA RAO—INDIAN

Application for Patent No. : 436/Del/91 filed on 21st May, 1991.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office Branch, New Delhi-100 005.

4 Claims

A process for the production of 2-methylpyrazine (2-MP) from 2-methylpiperizine (2Me.PiP) using zinc chromite based catalysts, which comprises gasifying the 2-Methyl. Piperizine at 350°C temperature at a rate of 78 ml/hr, passing the said gasified 2-methyl piperizine through the reduced zinc chromite catalyst having ZnO 74 wt% and Cr_2O_3 22-23 wt % at a temperature in the range of 390°—500°C for a period of up to 90 hours, recovering the 2 methyl pyrazine by known methods.

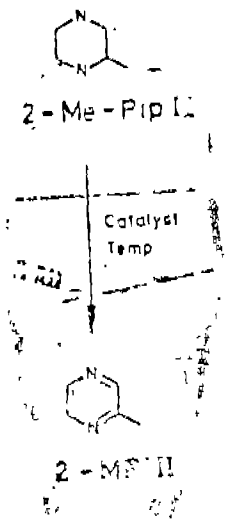


FIG. 1

(Compl. Specn. 7 pages. Drgn. : 1 sheet)

Ind. Cl. : 70 A, 70 C_1 185483

Int. Cl.[5] : G 01 N 27/30.

AN IMPROVED PROCESS FOR PRODUCING ELECTROCATALYTIC SPINEL TYPE OXIDE COATED ANODE SUITABLE FOR ELECTROWINNING OF METALS.

Applicant : COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH, RAFI MARG, NEW DELHI-110 001, INDIA, AN INDIAN REGISTERED BODY INCORPORATED UNDER THE REGISTRATION OF SOCIETIES ACT (ACT XXI 1860).

Inventors :

1. SAVARI KULANDAISAMY—INDIAN
2. JAVANANDHAM PRABHAKAR RETHINARAJ—INDIAN
3. SILLANATHAM CHOCKALINGA REDDIAR CHOCKALINGAM—INDIAN
4. SRINIVASA IYER VISHVANATHAN—INDIAN

Application for Patent No. : 527/Del/91 filed on 18-06-91.

Complete left after Provisional Specification filed on 15-05-92.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office Branch, New Delhi-100 005.

4 Claims

An improved process for producing electrocatalytic spinel type oxides coated anide suitable for electro-winning of metals which comprises :

(i) Preparing a solution of two metal compounds, in the ratio as here in described in isopropanol the first metal being cobalt or magnaese and the second metal being one of zinc, nickel iridium or ruthenium,

(ii) Coating the cleaned valve metal substrate optionally by mixed crystal oxides of Ru & Ti before coating with the solution prepared in step (i), by conventional method such as herein described.

(iii) Drying and baking the said coated substrate at a temperature in the range of 200—700 C for a period of 5 to 15 minutes.

(iv) Annealing the coated substrate at a temperature in the range of 400—700°C for a period of about 1 hour to obtain electrocatalytic spinel type oxides coated anode.

(Provnl. Specn. : 11 pages, Drgn. : nil sheet)
(Compl. Specn : 15 pages; Drgn. : nil sheet)

Ind. Cl. : 32 I 185484

Int. Cl.[5] : C 08 F, 122 22.

A PROCESS FOR THE PREPARATION OF NOVEL ALKYL FUMARATE VINYL ESTER COPOLYMER HAVING MOLECULOR WEIGHT OF 7000 TO 500000 AND USEFUL AS A POUR POINT DEPRESSANT AND FLUIDITY IMPROVER FOR WAXY CRUDE OIL.

Applicant : COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH, RAFI MARG, NEW DELHI-110 001, INDIA. (AN INDIAN REGISTERED BODY INCORPORATED UNDER THE REGISTRATION OF SOCIETIES ACT ACT XXI OF 1860).

Inventors :

1. ARUN BORTHAKUR—INDIAN
2. DIPAK CHANDA—INDIAN
3. KOSURU VENKATESWARA RAO - INDIAN
4. BULUSU SUBRAHMANYAM—INDIAN

Application for Patent No. : 538/Del/91 filed on 20th June, 1991.

Complete left after Provisional Specification filed on 18-11-1991.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules 1972), Patent Office Branch, New Delhi-100 005.

7 Claims

A process for the prepartion of novel alkyl fumarate vinyl ester copolymer having molecular weight of 7000 to 500000 and useful as a pour point depressant and fluidity improver for waxy crude oil, which comprises copolymerizing mixture of esters of higher fatty acid alcohols such as n-alkyl-fumarate with 16 to 25 Vol/wt % of alkyl fumarate vinyl ester of an alkyl fatty acid having 3 carbon atoms in presence of conventional free radical polymerisation catalyst as here in described and organic solvent using nitrogen blanket, removing unreacted solvent and vinyl ester under vacuum and recovering the polymer by known method such as here in described.

(Provsnl. Specn. 9 pages; Drgn. sheet nil)
(Compl. Specn. : 12 pages; Drgn. : sheet nil)

Ind. Cl. : 143; 185485

Int. Cl.[5] : A 45 C—1/02.

AN APPARATUS FOR FORMING AND FILLING POUCHES.

Applicant : COLGATE-PALMOLIVE COMPANY, A CORPORATION ORGANISED UNDER THE LAWS OF THE STATE OF DELAWARE, UNITED STATES OF AMERICA, OF 300 PARK AVENUE, NEW WORK, NEW YORK-10022, UNITED STATES OF AMERICA.

Inventor : JEAN MARIE DENIS—FRANCE

Application for Patent No. 661/Del/'91 filed on 22nd July, 1991.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office Branch, New Delhi-100 005.

18 Claims

An apparatus for forming and filling pouches comprising :

(a) Shaper means to shape a flexible film into a tube having an overlapping longitudinal seam;

(b) a first ultrasonic (60, 63) horn and anvil assembly connected to said shape means;

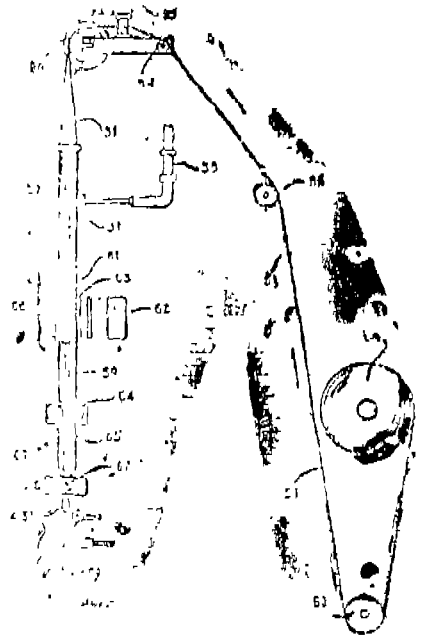
(c) positioning means located between said shaper (57) means and said first (60, 63) ultrasonic horn and anvil assembly to position the overlapping longitudinal seam of the said flexible (51) film between the said first ultrasonic horn and anvil;

(d) actuating (64) means co-operating with said first ultrasonic (60, 63) horn and anvil assembly to actuate the said first ultrasonic horn and anvil assembly to seal the said overlapping seam to form a tube;

(e) a second (67) ultrasonic horn and anvil assembly located subsequent to the said first (60, 63) ultrasonic horn and anvil to form top and bottom closoures on the said tube and produce a pouch;

(f) said or further actuating (64, 65) means located between said first and second ultrasonic horn and anvil assemblies to actuate the said second ultrasonic (67) horn and anvil assembly at a first contact pressure to seal the said top and bottom closures and at a second contact pressure to sever the film that has been sealed to separate a filled pouch from the said tube, the ultrasonic horn and anvil assembly comprising a shaped contact surface on one of the said ultrasonic horn or anvil to seal the said upon the application of a first pressure and to sever the said film upon the application of a second higher a pressure; and

(g) filling means connected to said first (60, 63, 67) and second ultrasonic horn and anvil assemblies to substantially fill the said pouch subsequent to forming the said bottom closure and prior to forming the said top closure



(Compl. Specn. : 21 pages ; Drngs. 5 sheets)

Ind Cl. : 55 E. 185486

Int. Cl. : C 07 D 233/72.

A PROCESS FOR THE PREPARATION OF THERMOSTABLE, ALKALOSTABLE INTRACELLULAR D-HYDANTOINASE.

Applicant : COUNCIL OF SCIENTIFIC & INDUSTRIAL RESEARCH, RAFI MARG, NEW DELHI-110001, INDIA, AN INDIAN REGISTERED BODY INCORPORATED UNDER THE REGISTRATION OF SOCIETIES ACT.

Inventors :

1. RAKESH SHARMA—INDIA
2. RAKESH MULRAJ VOHRA—INDIA.

Application for Patent No. 655/Del 97 filed on 17-3-97.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972) ,Patent Office Branch, New Delhi-110 005.

2 Claims

A process for the preparation of thermostable, alkalostable intracellular D-hydantoinase which comprises, culturing a novel mesophilic strain of Bacillus sp. capable of producing hydantoinase having characteristics as herein desrcibed in conventional natrient medium supplemented with hydantoin at a pH range of 6.0 to 9.0 at a temperature in the range of 30 to 50 C for a period of 24 to 48 hr, separating the intracellular D-hydantoinase by conventional centrifugation methods.

(Compl. Specn. 19 Pages; Drng. Sheet 1)

Ind. Cl. : 55 E_4, 32 F_3 (a) 185487

Int. Cl. : A 61 K 31/00, C 07 C 31/00

AN IMPROVED PROCESS FOR THE SIMULTANEOUS PREPARATION OF S&R 2-AMINO-1-BUTANOL.

Applicat : COUNCIL OF SCIENTIFIC & INDUSTRIAL RESEARCH, RAFI MARG, NEW DELHI-110001, INDIA, AN INDIAN REGISTERED BODY INCORPORATED UNDER THE REGISTRATION OF SOCIETIES ACT, (ACT XXI OF 1860).

Inventors :
NITIN WASANTRAO LADNAVIS—INNDIA
REDDY SHETTY PRAKASHAM—INDIA
MOHD SHARFUDDIN –INDIA
BANKUPALLI SATYAVATHI—INDIA AND
KONDAPURAM VIJAYA RAGHAVAN –INDIA.

Application for Patent No. 2592/97 filed on 12th Sep., 97.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972) ,Patent Office Branch, New Delhi-110 005

1 Claims

An improved process for the simultaneous preparation of S&R 2-amino-1-butanol which comprises hydrolysing the phenylacetyl derivative of racemic 2-amino -1-butanol using penicillin acylase at a pH in the range of 6.0 to 9.0, separating the enzyme from thereaction mixture by filtration, adjusting pH to 1.5 to 2.0 by known methods and recovering the unreacted phenylacetyl derivative and the S&R isomers of 2-amino -1-butanol by conventional solvent extraction methods such as herein described.

(Compl Speen 11 Pages; Dlng. Sheet Nil)

Ind. Cl. : 55 E4 185488

Int. Cl. : A 61 K 31/00.

AN IMPROVED PROCESS FOR THE PREPARATION OF CEPHALEXIN.

Applicant : COUNCIL OF SCIENTIFIC & INDUSTRIAL RESEARCH, RAFI MARG, NEW DELHI-110001, INDIA, AN INDIAN REGISTERED BODY INCORPORATED UNDER THE REGISTRATION OF SOCIETIES ACT.

Inventors :
1. DEEPANNITA ROY—INDIA
2 MONOJ K. ROY—INDIA.
3 ARCHANA SHARMA—INDIA
4 ANIL C. GHOSH—INDIA.

Application for Patent No. 2593 Del/97 filed on 12th Sep 97.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office Branch, New Delhi-110 005.

1 Claims

An improved process for the preparation of cephalexin which comprises : cultivating a novel mutant strain of soil borne streptomycete having characteristics as herein described in sterilized conventional nutrient broth medium for 4-5 days at a temperature in the range of 28—32 C, separting the cell mass by known methods, optionally extracting cell protein from the cell mass by conventional methods such as herein described, reacting the ampicillin with the said cell mass or extracted protein in presence of a buffer of a pH in the range of 6 to 8, optionally containing Kcl, $MgSo_4$' - Ketoglutamate, Beta mercaptoethanol recovering the product by conventional methods such as herein described.

(Cimpl. Speen. 8 Pages; Dlng. Sheet Nil)

Ind. Cl. 55 E1/55 D1 60x2 b. 185489

Int. Cl : A 61 K 31/00.

A PROCESS FOR THE ISOLATION OF A FRACTION MAINLY CONTAININNG A MIITURE OF TRITERPENOID GLYCOSIDES, USEFUL AS AN ANTIFUNGAL AGENT FROM THE SEEDS OF MIMUSOPS ELENNGI.

Applicant : COUNCIL OF SCIENTIFIC & INDUSTRIAL RESEARCH, RAFI MARG, NEW DELHI-110001, INDIA, AN INDIAN BODY INCORPORATED UNDER THE REGISTRATION OF SOCIETIES ACT (XXI OF 1860).

Inventors :
NIRANJAN PRASAD SAHU—INDIA
SUKDEB BANERJEE—INDIA
SANTOSH MISHRA—INDIA AND
KAZI AMINUL ISLAM SIDDIQUI—INDIA.

Application for Patent No. 3820/Del/97 filed on 30th Dec., 97.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office Branch, New Delhi-110 005.

13 Claims

A process for the isolation of a fraction mainly containing a mixture of triterpenoid glycosides, useful as an antifungal agent from the seeds of Mimusops elengi, which comprises powdering the dried seeds and defatting the dried powdered seeds by conventional methods such as herein described, extracting the said defatted powder with alcohols having 1 to 2 carbon atoms, concentrating the alcohol extract, absorbing with minimum amounts of silica gel, drying and extracting successively with nonpolar solvents such as chloroform, ethyl acetate and finally with chloroform-alcohol mixture, drying the chloroform-alcohol extract, then disolving in water followed by extracting with n-butanol, washing successively with water, alkali solution and finally with water till the n-butanol layer is free from alkali, drying the n-butanol fraction under reduced pressure to obtain the said saponin fraction as a colourless amorphous powder.

(Compl. Speen 11 Pages; Dlng Sheet Nil)

Ind. Cl . 32 F (1) 185490

Int Cl. : C 07 C, 19/08.

Applicant : IMPERIAL CHEMICAL INDUSTRIES PLC , A BRITISH COMPANY, OF IMPERIAL CHEMICAL HOUSE, MILLBANK, LONDON SW1P 3JF, UNITED KINGDOM.

Inventors :
JANE LESLEY BUTCHER—ENGLANND.
THOMAS ANTHONY RYAN—ENGLAND.
LESLIE BURGESS—ENGLAND.

Application for Patent No. 1797/Del/98 filed on 26th June 98.

Convention date 14-6-91 9112861.1/UK, 14-6-91/9112860-.3/UK, 14-6-91/9112817.3/UK, 133-11-91 9124087.9/UK, 11-12-91 9126330.1/UK.

Divisional out of Patent Application No. 448/Del/92 filed on 25-5-92.

Ante dated to 25-5-92.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office Branch, New Delhi-110 005.

3 Claims

A process for the production of bis (fluoromethyl) ether which comprises reacting formaldehyde with hydrogen fluoride in a molar ratio of formaldehyde to hydrogen fluoride in the molar range of from 1:0.5 to 1:50 at a temperature and pressure such that the hydrogen fluoride is in the liquid phase and wherein at least a part of the by-product water is separated from the bis (fluoromethyl) ether in any suitable manner .

(Compl. Speen 43 Pages; Digns. Sheet Nil)

OPPOSITION PROCEEDINGS

An opposition has been entered by M/s. Indian Space Research Organisation, Bangalore to the grant of a patent on Application No 184244 (973/Cal/95) dated 21st August, 1995 made by M/s Omnipoint Corporation, U S A

RENEWAL FEES PAID

176164 176175 176176 176410 176413 176417 176466 176724 175726 175727 175802 175810 176030 176098 176140 176163 170830 171636 171986 172138 172214 172416 173083 174811 180563 182183 174813 174910 174940 175441 175147 175440 175330 175609 175575 179776 175808 177674 180724 172044 172086 172497 180333 177914 171251 172088 180008 174564 178173 174722 174723 174639 176062 176725 176840 180203 183612 183616 183631 183565 177970 176418 180197 176525 174489 173799 175300 179732 178022 174490 174390 174706 174707 176877 174241 178832 178932 178151 178240 178658 179226 176883 177181 177697 174806 183661 180185 183292 171410 174185 168198 179791 166491 166439 170837 171017 169947 174619 175611 175620 176702 176881 178840 183633 183637 183651 175737 175738 175855 176061 176067 176099 176100 180207 181010 181299 179775 175714 176070 176141 176522 177443 177871 177964 177999 178373 178476 178591 178596 178616 179535 179798 179800 177468 168455 170346 183414 183415 183416 177270 183052 179093 180186 172049 182639 183333 175722 180204 169589 171637 172137 174560 176430 176468 176531 180198 183411 183438 172281 175433 176246 175844 177318 174347 177444 183433 183440 175364 174558 171244 174556 174565 177045 178292 179097 180191 180577 177394 183811 180979 175866 177376 177308 172856 183395 173427 170936 171654 169929 175657 174025 175656 178670 183116 177346 175951 182664 183610 73637 181351 176503 183816 176312 176567 179240 180971 181926 182261 177322 179651 182218 173477 175581 177637 176193 175766 172523 174111 168896 172875 181332 180973 180718 180645 172202 177591 181322 174599 174600 176303 181540 182285 182260 181670 179563 174192 173480 175217 175218 181174 171218 172053 178417 176326 178170 180252 168934 77687 183763 182596 181345 170928 178271 176287 183708 183703 169951 176498 178527 178794 180972 182759 170236 180717 175778 176882 178232 178374 178592 178837 178617 180195 180196 171248 180181 171988 172027 175348 176714 177177 177695 178688 183621 182625 177331 183362 171009 171061 175640 181603 171973 174033 174419 183262 183671 183701 183642

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PATENT SEALED ON 08-01-2001

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CAL-09 DEL-11, MUM-01, CHEN-3

Patent shall be deemed to be endorsed with words LICENCE OF RIGHT Under Section 87 of the Patents Act 1970 from the date of expiration of three years from the date of sealing

D—Drug Patents

F—Food Patents

REGISTRATION OF DESIGNS

The following designs have been registered They are not open to inspection for a period of two years from the date of registration except as provided for in Section 50 of the Design Act, 1911

The date shown in the each entries in the date of the registration included in the entries

Class 1. No 183208 Tchnigroup Far East Pte 30 Tuss South Street, 3, Singapore-638028. "OFFICE FURNITURE SYSTEM" 13th March 2000 (Priority) U K

Class 1 No 182453 Prem India [illegible] Sheeja Ludhiana, PBO, India, an Indian Partnership firm, "PUMP ROAD FOR HAND PUMP" 26th May 2000

Class 1 No 182725 Zaverchand Shah, Indian national, 6/7, Mahavir Building, 2A, Bhandarkar Road, Mulungh, Mumbai-400 019 Maharashtra, India "COOKING PAN" 26th June 2000

Class 1 No 182728 Zaverchand Shah, Indian national, 6/7, Mahavir Building, 2A, Bhandarkar Road, Mulung Mumbai-400 019 Maharashtra, India COOKING PAN' 26th June 2000

Class 1 No 183211 M/s Avcon Metal Industries Office at Jagat Satguru Industrial Estate No 2 Off Aarey Road, Vishweshwar Nagar Goregaon (E), Mumbai-400 063 Maharashtra India "CASSEROLE" 16th August 2000

Class 1 No 183217 M/s Avcon Metal Industries Office at Jagat Satguru Industrial Estate No 2 Off Aarey Road Vishweshwar Nagar, Goregaon (E) Mumbai-400 063 Maharashtra India "LUNCH PACK" 16th August 2000

Class 1 No 183239 Hawkins Cookers Limited F 101 Cuffe Parade PO Box No 16083 Mumbai-400005 Maharashtra India "COOKING ESSEL"

Class 1 No 183242 Hawkins Cookers Limited F-101, Cuffe Parade PO Box No 16083 Mumbai-400005 Maharashtra India "TAWA" 17th August 2000

Class 3 No 183506 Phil Corporation Limited Technology House Trivim Industrial Estate, Mapusa, GOA 403 507 India "OVERHEAD PROJECTOR" 25th Sept 2000

Class 3 No. 183140 Mainetti (UK) Ltd Annfield Estate Oxnam Road, Jedburgh Roxburghshire, Scotland TD8 6 NN, United Kingdom, "GARMENT HANGER" 9th February 2000 (Priority) U.K

Class 3 No. 182630 Philips India Ltd., Shivsagar Estate, Block "A", Dr. Annie Besant Road, Worli, Mumbai-400018, Maharashtra, India "BAR BLENDER". 16th June 2000.

Class 3. No. 182690 & 182691. Hindustan Lubricants Company Pvt. Ltd. Aroma Complex, SRM Road, Cochin-18, Kerala, India "CONTAINER" 21st June 2000

Class 3 No. 182726. Ekco Housewares Inc. 9234, West Belmont Avenue Franklin Park, Illinois-60131, United States of America. "HANDLE". 26th June 2000.

Class 3. No. 182827 & 182828. Crystal Plastics & Metalhizing Pvt. Ltd Singh House, Plash Gall, Off Veer Savarkar Marg, Prabhadevi, Mumbai-400025, State of Maharashtra, India. "COMB". 10th July, 2000

Class 3 No. 180214. Ahmed Mills Indian Partnership firm, Tow Tanks, 170, Maulana Shaukatali Road, Mumbai 400008, Maharashtra State "CONTAINER". 19th August 2000.

Class 3. 183167. Vidhi Infotech, Room No. 49, Hotel Amber Goalghar, Gorakhpur, U.P. India, Partnership firm. "DIGITAL PHOTOGRAPHIC CAMERA" 8th August 2000.

Class 3 No. 183392. Asian Advertisers, Plot D-7/1, Road No. 16, M.I.D.C. Andheri (East), Mumbai-400093, State of Maharashtra, India. "CONTAINER CUM STORAGE BIN". 8th Sept. 2000

Class 3 No. 183430. Anand Parikh, an Indian National Altiview, 7, Altamount Road, City of Mumbai-400026, State of Maharashtra, India. "PRE FILTER BOWL" 15th Sept 2000

Class 3 No 183476 M/s Jain Irrigation Systems Ltd. Jain Field N H No. 6, PO Box No. 72, Bambhori, Dist. Jalgaon-425001 State of Maharashtra, India. "DRIPPER". 20th Sept. 2000.

Class 3. No. 183576, 183581 & 183580 Kiran Enterprise, Bharti Niwas, Besant Street Santacruz (W), Mumbai 400054, Maharashtra, India "SOCKET". 3rd Oct. 2000.

Class 3 No. 183571, 183574 & 183579. Kiran Enterprise, Bharti Niwas, Besant Street, Santacruz (W), Mumbai-400054, Maharashtra, India. "SWITCH PLATE" "SOCKET". 3rd Oct. 2000.

Class 4. No. 183047. I.T.C. Ltd. An Indian Company "Virginia House", 37, Chowringhee, Calcutta-700071, W.B. India. "ROUND TABLE". 28th July 2000.

Class 5. No. 183132 A. R.Safiullah, India, 9610, Rajagopalapuram, Pudukottai-622003, Tamil Nadu, India. "OVAL LAMINATED ARTIFICIAL BANNA LEAF". 4th August 2000.

Class 5 183132 A. R. Safiullah, India, 9610, Rajagopalapuram, Pudukottai-622003, Tamil Nadu, India. "OVAL LAMINATED ARTIFICIAL BANNA LEAF". 4th Aug. 2000.

Class 10 No 183238 Bata India Ltd. 6A, S. N. Banerjee Road, Calcutta-700013, W. B. India "FOOTWEAR". 17th Aug. 2000.

Class 11. No. 183533. Tania Knitting Works, 77/2A, Sisir Began Road, Behala, Calcutta-700034, W.B. India, an Indian partnership firm "BLOUSE". 26th Sep 2000

H. D. THAKUR
Controller General of
Patents, Design & Trade Marks

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